ELSEVIER

Journal of Immunological Methods 210 (1997) 253–254

JOURNAL OF IMMUNOLOGICAL METHODS

# Contents of volume 210 (1997)

**Number 1 – 15 December 1997**

**Research reports**

Analysis and assessment of the capacity of neutrophils to produce reactive oxygen species in a 96-well microplate format using lucigenin- and luminol-dependent chemiluminescence
*H. Hasegawa, K. Suzuki, S. Nakaji and K. Sugawara (Japan)* 1

Efficient selection of scFv antibody phage by adsorption to in situ expressed antigens in tissue sections
*J. Tordsson, L. Abrahmsén, T. Kalland, C. Ljung, C. Ingvar and T. Brodin (Sweden)* 11

A dye-based lymphocyte proliferation assay that permits multiple immunological analyses: mRNA, cytogenetic, apoptosis, and immunophenotyping studies
*Y. Zhi-Jun, N. Sriranganathan, T. Vaught, S.K. Arastu and S. Ansar Ahmed (USA)* 25

Covalent binding of proteins to grafted plastic surfaces suitable for immunoassays. II. Picograms of IgE detected in BAL fluid in sarcoidosis
*P.H. Larsson, A. Eklund, S.G.O. Johansson and K. Larsson (Sweden)* 41

Generation and functional characterization of anti-clonotype antibodies to human T-cell receptors
*P.G.A. Steenbakkers, A.M.H. Boots and A.W.M. Rijnders (The Netherlands)* 51

Optimization of a peptide-based protocol employing IL-7 for in vitro restimulation of human cytotoxic T lymphocyte precursors
*A. Lalvani, T. Dong, G. Ogg, A.A. Pathan, H. Newell, A.V.S. Hill, A.J. McMichael and S. Rowland-Jones (UK)* 65

A flow cytometric immunoassay for $\beta_2$-microglobulin in whole blood
*J.E. Bishop and K.A. Davis (USA)* 79

Direct binding of low molecular weight haptens to ELISA plates
*O. Hofstetter, H. Hofstetter, D. Then, V. Schurig and B.S. Green (Germany, Israel)* 89

Development of a two-site enzyme-linked immunosorbent assay for $\alpha$-amylase from *Aspergillus oryzae* based on monoclonal antibodies
*I. Sander, C. Neuhaus-Schröder, G. Borowitzki, X. Baur and M. Raulf-Heimsoth (Germany)* 93

**Short communications**

Immunohistochemical detection of cytokines in paraffin-embedded mouse tissues
*J.L. Whiteland, C. Shimeld, S.M. Nicholls, D.L. Easty, N.A. Williams and T.J. Hill (UK)* 103

Allele-specific PCR analysis for detection of the gld Fas-ligand point mutation
*R.M. Hoek, M.C. Kortekaas and J.D. Sedgwick (Australia)* 109

*Notes to authors* 113

**Number 2 – 29 December 1997**

**Research reports**

Interference of sugars with the binding of biotin to streptavidin and avidin
*G. Houen and K. Hansen (Denmark)* 115

Fusions to the cholera toxin B subunit: influence on pentamerization and GM1 binding
*S. Liljeqvist, S. Ståhl, C. Andréoni, H. Binz, M. Uhlén and M. Murby (Sweden, France)* 125

An immune response to ovalbumin covalently coupled to liposomes is prevented when the liposomes used contain doxorubicin
*P.G. Tardi, E.N. Swartz, T.O. Harasym, P.R. Cullis and M.B. Bally (Canada)* 137

A sensitive ELISPOT assay to detect low-frequency human T lymphocytes
*M. McCutcheon, N. Wehner, A. Wensky, M. Kushner, S. Doan, L. Hsiao, P. Calabresi, T. Ha, T.V. Tran, K.M. Tate, J. Winkelhake and E.G. Spack (USA)* 149

Evaluation of the interferon-$\gamma$ ELISPOT-assay for quantification of peptide specific T lymphocytes from peripheral blood
*A. Schmittel, U. Keilholz and C. Scheibenbogen (Germany)* 167

Quantitation of messenger RNA by competitive RT-PCR: a simplified read out assay
*J.-H. Colle, P.B. Falanga, M. Singer, B. Hevin and G. Milon (France)* 175

A method for production and determination of histamine releasing activity from human peripheral blood mononuclear cells
*G.T. Kampen, L.K. Poulsen, C.M. Reimert and P.S. Skov (Denmark)* 185

Quantification of cytokine mRNA expression by RT PCR in samples of previously frozen blood
*N. Kruse, M. Pette, K. Toyka and P. Rieckmann (Germany)* 195

Frequency of human anti-FVIII antibodies in humanized SCID mice elicited by recombinant deleted factor VIII and by a plasma derived factor VIII
*A. Laulan, A. Sauger, C. Germain, A.-M. Montembault, I. Sans, C. Potentini-Esnault, L. Chicane, C. Gilard, Y. Sultan and J. Bartholeyns (France)* 205

Construction and characterization of a radio-iodinatable mutant of recombinant human CD4
*M. Ferrer, K.L. Godbout, B.J. Sullivan, D.A. Austen, C.T. Sanderson, K.C. Kelley, M.S. Osburne, S.C. Harrison and M.R. Van Schravendijk (USA)* 215

A rapid evaluation of phagocytosis and killing of *Candida albicans* by CD13 + leukocytes
*M. Saresella, K. Roda, L. Speciale, D. Taramelli, E. Mendozzi, F. Guerini and P. Ferrante (Italy)* 227

Analysis of the $\alpha/\beta$ T-cell receptor repertoire by competitive and quantitative family-specific PCR with exogenous standards and high resolution fluorescence based CDR3 size imaging
*B.J. Manfras, W.A. Rudert, M. Trucco and B.O. Boehm (Germany, USA)* 235

**Corrigendum**

Corrigendum to "Selection of phage-displayed superantigen by binding to cell-surface MHC class II" [J. Immunol. Methods (1997) 33–41]
*J.L. Wung and N.R.J. Gascoigne (USA)* 251

*Contents of volume 210* 253

*Notes to authors* 255